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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Masatoshi TAKADA et al.

Serial No. 09/960,377

Filed September 24, 2001

INTERFERENCE-SIGNAL REMOVING  
APPARATUS

: Confirmation No. 7513

: Docket No. 2001\_1304A

: Group Art Unit 2631

: THE COMMISSIONER IS AUTHORIZED  
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INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

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Technology Center 2600

Sir:

Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, Applicants request consideration of the references listed on attached form PTO-1449. A legible copy of each reference listed on the form PTO-1449 is enclosed.

1a.  This Information Disclosure Statement is submitted:

within three months of the filing date (or of entry into the National Stage) of the above-entitled application, or

before the mailing of a first Office Action on the merits or the mailing of a first Office Action after the filing of an RCE,

**and thus no certification and/or fee is required.**

1b.  This Information Disclosure Statement is submitted

after the events of above paragraph 1a and prior to the mailing date of a final Office Action or a Notice of Allowance or an action which otherwise closes prosecution in the application, and thus:

- (1)  the certification of paragraph 2 below is provided, or  
(2)  the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

1c.  This Information Disclosure Statement is submitted:

after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee, and thus:

**the certification of paragraph 2 below is provided, and**

**the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.**

2. It is hereby certified

- a.  that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or
- b.  that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.

3.  Consideration of the following list of additional information (including any copending or abandoned U.S. application, prior uses and/or sales, etc.) is requested.

4. For each non-English language reference listed on the attached form PTO-1449, reference is made to:

- a.  a full or partial English language translation submitted herewith,
- b.  a foreign patent office search report (in the English language) submitted herewith,

- c.  the concise explanation contained in the specification of the present application at page,
- d.  the concise explanation set forth in the attached English language abstract,
- e.  the concise explanation set forth below or on a separate sheet attached to the reference:

5.  A foreign patent office search report citing one or more of the references is enclosed.

Respectfully submitted,

Masatoshi TAKADA et al.

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February 20, 2004

O/I/P/E  
FEB 20 2004  
JC98  
U.S. PATENT & TRADEMARK OFFICE

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)  
(Use several sheets if necessary)

Date Submitted to PTO: February 20, 2004

ATTY DOCKET NO.  
2001\_1304ASERIAL NO.  
09/960,377APPLICANT  
Masatoshi TAKADA et al.FILING DATE  
September 24, 2001GROUP  
2631

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	4,613,978	9/1986	Kurth et al.			
	AB	5,168,508	12/1992	Iwasaki et al.			
	AC	5,974,101	10/1999	Nago			
	AD	5,271,038	12/1993	Cai			
	AE						
	AF						FEB 23 2004
	AG						Technology Center 2600
	AH						
	AI						

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## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AJ	00/25436	5/2000	WO			
	AK	01/50622	7/2001	WO			
	AL						
	AM						
	AN						

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

AO	
AP	
AQ	

EXAMINER

DATE CONSIDERED